

DIEGO TREVIÑO TRAN

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EDUCATION

Cornell University (Ithaca, NY)

Anticipated Graduation Date: May 2026

Bachelor of Arts, Computer Science Major

Relevant Coursework: Computer System Organization and Programming, Data Structures and Functional Programming, Object-Oriented Programming and Data Structures

Bishop O'Dowd High School (Oakland, CA)

Class of 2022

First Honors (Fall 2018 - Spring 2022)

Yale Young Global Scholars Summer Program (Remote)

Class of 2021

Politics, Law, & Economics Graduate

Google Code Next (Oakland, CA)

Class of 2022

Relevant Coursework: Linux System Administration, Web Development, Game Design, Code Next Launch.

WORK EXPERIENCE

California Emerging Technology Fund

Intern Jul. 2019, Employee Apr. - Aug. 2021

Administered and designed workbooks to log and analyze hundreds of consumer responses. Designed marketing and educational social media content in order to maximize outreach on social media channels.

Bishop O'Dowd High School Tech Support

Volunteer Aug. 2018 - Sep. 2022

Worked with students and faculty to resolve hardware and software issues. Coordinated with fellow technical support staff to perform maintenance and setup of school devices.

Coro Foundation Fellowship (San Francisco, CA)

Jun. 2019 - Aug. 2019

Exploring Youth Leadership Program. Collaborated with classmates to conduct a case study into the South-of-Market region of San Francisco, CA, presenting to a public audience of over 30 attendees.

PROJECTS

RISC-V Interpreter

Mar. 2024 - Apr. 2024

Designed and implemented an interpreter for the RISC-V assembly language as part of Cornell University's Computer System Organization and Programming class, written entirely in C.

Big Red Blockchain

Sep. 2023 - Dec. 2023

Collaborated with a group of four peers to develop an OCaml-based blockchain application. Designed test suites using black and glass box testing methodology. Created wallet systems for users to store mined cryptocurrencies.

HONORS AND AWARDS

Hispanic Scholarship Fund Scholar

Nov. 2022

California Scholarship Federation Life Member

May 2022

National Honor Society Lifetime Member

May 2022

Hispanic Heritage Foundation Youth Awardee

Gold Award for Technology, 2021

Finalist for National Parliamentary Debate Invitational

Junior Varsity, Nov. 2019

The President's Volunteer Service Awardee

Gold Award, 2018

ADDITIONAL SKILLS

Languages: Java, Python, HTML, CSS, OCaml, JavaScript, SQL, Spanish (Conversational)

Technical: React.js, Django, FL Studio, Bootstrap

Conceptual: REST, APIs, Agile Methodology, Public Speaking, Black/Clear Box Testing, Team Collaboration

EXTRACURRICULARS

Society for Advancement of Chicanos and Native Americans in Science (SACNAS)

Cornell Chapter, Sep. 2022 - Present

Music Production at Cornell

Sep. 2022 - Present

Underrepresented Minorities in Computing (URMC)

Sep. 2022 - Present